

Amendment to the Abstract

The Abstract at Page 50 is to be amended as follows:

ABSTRACT

There is disclosed an ink jet printhead which comprises a plurality of nozzles and one or more heater elements corresponding to each nozzle. Each heater element is configured to heat a ~~bubble-forming~~ejectable liquid in the printhead to a temperature above its boiling point to form a gas bubble therein. The generation of the bubble causes the ejection of a drop of ~~the~~ejectable liquid (such as ink) through the respective corresponding nozzle, to effect printing. Each heater element is configured such that the energy applied to it to heat the ~~bubble-forming~~ejectable liquid ~~(which can also be the ink)~~ to cause the ejection of a drop is less than that required to heat a volume of the ejectable liquid equal to the volume of such a drop, from an ambient temperature (being the temperature at which the ~~bubble-forming~~ejectable liquid enters the printhead) to the temperature of such a drop when it is ejected. The printhead thus has a self-cooling function.

Fig. 4